

Listing of Claims:

Cancel claims 1-7 and 9-11 and insert new claim 12, as follows:

Claim 12 (New) A method for generating ultra-short pulse amplified Raman Laser light

comprising:

(a) a first step of launching a short-pulse pump laser light into a pump laser light amplifier to form an amplified short-pulse pump laser light,

introducing the amplified laser light into a pump light distributor to form partly reflected amplified laser light and transmitted laser light,

introducing the transmitted laser light into a Raman oscillator, and

shortening a pulse duration of the laser light in the Raman oscillator to form a compressed laser light;

(b) a second step of introducing the reflected laser light from the pump light distributor onto a polarizer to reflect it thereon,

introducing the reflected laser light from the polarizer into the first Raman amplifier to pump the amplifier,

introducing the laser light transmitted through the first Raman amplifier that has not contributed to pumping onto a beam splitter to form a third reflected laser light, and

introducing the third reflected laser light into a Raman second amplifier to pump the second amplifier; and

(c) a third step of introducing the compressed laser light of step (a) to the first Raman amplifier to amplify it,

introducing the amplified radiation from the first Raman amplifier to the second Raman amplifier to further amplify it,

introducing the further amplified radiation through delay lines to the beam splitter which transmits only first Stokes radiation to generate ultra-short pulse amplifier Raman laser light.

Application No. 09/903,732
Amendment Dated July 27, 2001
Reply to Office Action Dated March 27, 2003

Amendments to the Drawings

Amended drawing Figs. 1, 2, 4, 6, 7, 9 and 10A-10C are included. On these drawings, obvious typographical errors are corrected. The errors corrected include those identified by the Examiner and others identified during review of the drawings in view of the Examiner's comments. Also, Figs. 10A-C are identified as 'prior art,' in accordance with the requirement in the Office Action.

Attachment: Replacement Sheets
Annotated Sheets Showing Changes